1st and Final Bill

Job code :- 017-20-000027.

M. A. R. 57 (Rule 116)
Measurement Book
No. E

Improvements of UGD (Under Ground Drainage) Lines in JP 617326
Work Park in ward From No 17. To
Contractor of nature of Agency Shivashankar
Date of commencement of work Workorder No:- EE/RRND/ISWM/000088/21-22 Dt 29-09-21

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As No:- EE/RRN/AS/65/2020-21 Dt 27.05-2020						
	Ts No:- EE/RRN/TS/35/2020-21 Dt 27.05.2020						
	P code - P 3295 - 15" Fine C						
	Est cost - 15.00 Lakhs.						
	Recorded by:-						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement	TOTAL
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
	① Earth work excavation by mechanical means for foundations of buildings in ordinary soil			255.00	332.64	84828.00	255.00	84828.00
P.M. P.No	617381	-	-					
	② Earth work excavation by mechanical means for foundations of buildings in hard soil			219.96	499.55	109881.00	219.96	109881.00
P.M. P.No	617382	-	-					
	③ Providing and laying in position reinforced cement concrete 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)			292.00	702.00	204996.00	292.00	204996.00
P.M. P.No	617382	Cld & H						
	④ Construction of brick masonry in cement mortar 1:6 in Circular type manhole.			18.00	2776.61	49979.00	18.00	49979.00
P.M. P.No	617383	-	-					
	⑤ Refilling available excavated earth around sides of structures			178.50	124.63	22030.00	178.50	22030.00
P.M. P.No	617383	-	-					

M. A. R. 57 (Rule 116) No. E

Measurement Book

Serial No. .....

617327

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
	⑥ Providing and laying in position plain cement mortar 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)			21.90	5476.36	120312.00	21.90	120312.00
P.M P.No	617384	Cld & H						
	⑦ Providing and laying in position plain cement mortar 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)			13.14	6032.39	79266.00	13.14	79266.00
P.M P.No	617385	-	-					
			SUB TOTAL	Rs	-	1325292.00		
			Add	GST 12%	Rs	159035.00		
			Grand	TOTAL	Rs	1484327.00		

25/11/2021

25/11/2021

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate :- ① Certified that the work done satisfactorily ② Certified that all debris cleared from work spot.						

M. A. R. 57 (Rule 116)
Measurement Book

No. E

617328

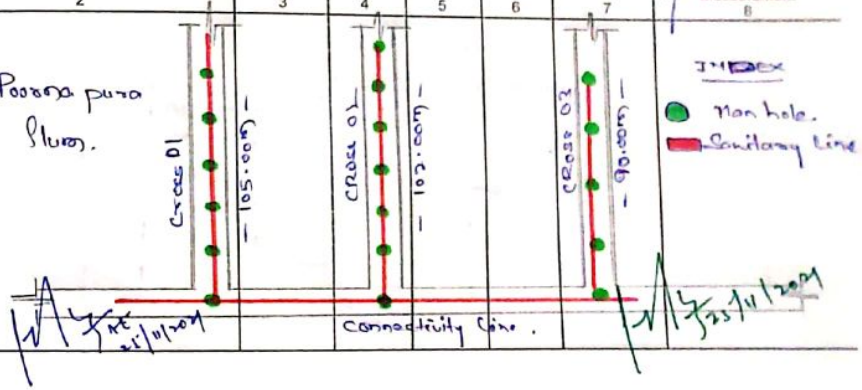
Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Poorna pura Slums.						



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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Admitted Rs. 1482427.00						
	Cheque Rs. 1402900.00						
	Fourteen lakh three thousand nine hundred and						
	Adjustment Rs 80427.00						
	Case		Accounts Superintendent			Exective Engineer	

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Pre measurements

Work code :- 017-20-000026.

M. A. R. 57 (Rule 116)
Measurement Book

No. E 617380

Serial No. Improvements of UGD (under ground Drainage) Lines in J.P
Name of work Park in Vakrd From To
Name of Contractor of nature of Agency Shivashankar
Date of commencement of work Recorded on :

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(1)	Earth work excavation by manual means for foundation of buildings Water supply and Sanitary lines and Electrical Conduits in ordinary soil.						
	② Poornapura Stop.						
	for UGD Line.	1	30.00	0.60	1.20	21.60	
	Cross 01	1	30.0	0.60	1.20	21.60	
		1	30.00	0.60	1.20	21.60	
		1	15.00	0.60	1.20	10.80	
	Cross 02	1	30.00	0.60	1.20	21.60	
						97.20	

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	20.00	0.60	1.20	21.60	
		1	30.A	0.60	1.20	21.60	
		1	12.00	0.60	1.20	8.64	
	Cross 02.	1	30.00	0.60	1.20	21.60	
		1	30.00	0.60	1.20	21.60	
		1	30.00	0.60	1.20	21.60	
	For Manhole.						
	(3.14×1.20×1.20) 4	6	1.13	-	2.26	14.91	
		7	1.13	-	2.28	17.40	
		5	1.13	-	2.20	12.43	
						258.36	cft
						255.00	cft
(2)	Earth work excavation by manual means - for foundation of						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 617381

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	buildings Water Supply - for - foundations Sanitary Works and Electrical Conduits for handrail.						
	For pipeline. Cross 1	1	30.00	0.60	1.00	18.00	
		1	30.00	0.60	1.00	18.00	
		1	30.00	0.60	1.00	18.00	
		1	15.00	0.60	1.00	9.00	
	Cross 2	1	20.00	0.60	1.00	12.00	
		1	30.00	0.60	1.00	18.00	
		1	30.00	0.60	1.00	18.00	
		1	12.40	0.60	1.0	7.20	
						124.20	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						126.20	
	Cross 03	1	30.00	0.60	1.00	18.00	
		1	30.00	0.60	1.00	18.00	
		1	30.00	0.60	1.00	18.00	
	For Main hole.	6	1.13	-	2.20	14.91	
		7	1.13	-	2.20	17.40	
		5	1.13	-	2.20	12.43	
						223.44 cum	
(3)	Providing and laying in position to required level or slope of internal diameter cast glazed stone ware pipes grade*						
	For Sanitary line.						
	Cross 01	1	30.00	-	30.00	30.00	
		1	30.00	-	30.00	30.00	
		1	30.00	-	30.00	30.00	
		1	15.00	-	-	15.00	
						105.00 Rmt.	

M. A. R. 57 (Rule 116) No. E 617332
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work. .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross 02	1	30.00	-	-	30.00	
		1	30.00	-	-	30.00	
		1	30.00	-	-	30.00	
		1	12.00	-	-	12.00	
	Cross 03	1	30.00	-	-	30.00	
		1	30.00	-	-	30.00	
		1	30.00	-	-	30.00	
						297.00 Rmt.	
						297.00 Rmt.	
(4)	Construction brick masonry circular type man hole 1.22 m						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Interval dia @ bottom and 0.56 m dia @ top with table moulded and cast in modular bricks of class designation 5 cm cm 1:3 M.V do.						
		6	–	–	–	6 no	
		7	–	–	–	7 no	
		5	–	–	–	5 no	
						18.00 nos.	
(5)	Refilling available earth around Pipe lines Cables in layers not exceeding 20 cms in depth &c.						
	80% Qty as given in Abstract						
	Cross 01	1	30.00	0.60	1.05	18.90	
		1	30.00	0.60	1.05	18.90	
		1	30.00	0.60	1.05	18.90	
		1	15.00	0.60	1.05	9.45	
						66.15 m³	

M. A. R. 57 (Rule 116)
Measurement Book

No. E 617383

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents 66.15 m³	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross 02	1	30.00	0.60	1.05	18.90	
		1	30.00	0.60	1.05	18.90	
		1	30.00	0.60	1.05	18.90	
		1	12.00	0.60	1.05	7.56	
	Cross 03	1	30.00	0.60	1.10	19.80	
		1	30.00	0.60	1.10	19.80	
		1	30.00	0.60	1.08	18.14	
						122.01 m³	
					80% Qty	178.50 m³	

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(b)	Providing and laying in position plain cc ... 1:4:8 with opc @ 220 kgs ... and down size graded granite metal etc						
	For piplin						
	Cross 01	1	30.00	0.50	0.15	2.25	
		1	30.00	0.50	0.15	2.25	
		1	30.00	0.50	0.15	2.25	
		1	15.00	0.50	0.15	1.12	
	Cross 02	1	30.00	0.50	0.15	2.25	
		1	30.00	0.50	0.15	2.25	
		1	30.00	0.50	0.15	2.25	
		1	12.00	0.50	0.15	0.90	
	Cross 03	1	30.00	0.50	0.15	2.25	
		1	30.00	0.50	0.15	2.25	
		1	30.00	0.50	0.15	2.25	
		1					
						22.27	
						21.90 cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. E 617384

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(a)	Providing and laying in position plain cc of mix 1:2:4 with opc @ 220 kgs ... and down size graded granite metal						
	Cross 01	1	30.00	0.45	0.10	1.35	
		1	30.00	0.45	0.10	1.35	
		1	30.00	0.45	0.10	1.35	
		1	15.00	0.45	0.10	0.67	
	Cross 02	1	30.00	0.45	0.10	1.35	
		1	30.00	0.45	0.10	1.35	
		1	30.00	0.45	0.10	1.35	
		1	12.00	0.45	0.10	0.54	
	Cross 03	1	30.00	0.45	0.10	1.35	
						10.66 cum	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						10.66	003
		1	30.00	0.45	0.10	1.35	
		1	30.00	0.45	0.10	1.35	
						13.36	003
				Bd	Ld	13.14	003

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